

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO
MORRIS ROCK, INC.

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of
limestone in the state of Missouri. The extent of the

Proposed mining operation(s) will be on 12 acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal

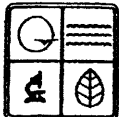
County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Vernon	18	35N	33W	12	0	12	Site #1	0554

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 26th day of October 2004


DIRECTOR OF STAFF
Land Reclamation Commission

Permit No. 0555
Effective Date 10/29/2004
Expiration Date 10/28/2005



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES

RECEIVED

OCT 18 2004

MISSOURI LAND
RECLAMATION COMMISSION

P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL Morris Rock Inc.		DATE 10-05-04	
ADDRESS Rural Route # 1 Box 47A		CITY Deerfield	STATE Mo.
CONTACT PERSON Mark Morris, or Randy Morris owner/operators		ZIP CODE 64741	
		TELEPHONE NUMBER (417) 927-3402	

FEES: COMPLETE SECTION I OR SECTION II

SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:

1. To compute the site fee complete the information below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1. Morris Rock Inc. #555	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$ 300.00
2.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
TOTAL SITE FEE		\$ 300.00

2. Acreage Fee \$5 X 12 number of acres bonded \$ 60.00

3. Annual Permit Fee \$ 500

4. Total Fee (Add totals from 1, 2 and 3) \$ 860.00

NOTE: If Total Fee exceeds \$2,500.00 then pay only \$ 2,500

SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:

1. Annual Permit Fee \$ 300

SIGNATURE OF APPLICANT <i>Mark L. Morris</i>		TITLE	DATE
Appeared before me this <u>5th</u> day of <u>October</u> , 20 <u>04</u> . <u>Mark L. Morris</u> to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSEER SEAL	STATE OF <u>Kansas</u>		COUNTY (OR CITY OF ST. LOUIS)
	SUBSCRIBED AND SWORN BEFORE ME, THIS <u>5</u> DAY OF <u>Oct</u> YEAR <u>2004</u>		USE RUBBER STAMP IN CLEAR AREA BELOW.
	NOTARY PUBLIC SIGNATURE <i>Rae Ann Rose</i>	MY COMMISSION EXPIRES <u>April 17, 2005</u>	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) <u>Rae Ann Rose</u>		
FOR DEPARTMENT USE ONLY APPROVED BY <i>[Signature]</i>		DATE APPROVED <u>10/21/04</u>	PERMIT NUMBER <u>0555</u>
		EXPIRATION DATE <u>10/28/2005</u>	





MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

RECEIVED

OCT 27 1992

To be completed for each separate area of disturbance associated with mining operations.			MISSOURI LAND RECLAMATION COMMISSION
SITE NAME OR NUMBER MORRIS ROCK		PERMIT NUMBER 555	
COMPANY NAME MORRIS ROCK			
COUNTY VERNON	1/4 SECTION NE	SECTION 18	
TOWNSHIP 35 N	RANGE 33 W	ACRES 12 ac	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) NONE			
MINERAL COMMODITY LIMESTONE		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) N/A	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) VERNON COUNTY CRUSHED STONE		
ADDRESS RT# 1 BOX 36A		
CITY DEERFIELD	STATE MO.	ZIP CODE 64741
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		DATE OF AGREEMENT 10/18/91
<input checked="" type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) SAME AS ABOVE		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		DATE OF AGREEMENT
<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

RECEIVED

OCT 27 1992

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER MORRIS ROCK		PERMIT NUMBER 555	
COMPANY NAME MORRIS ROCK			
COUNTY VERNON	1/4 SECTION NE	SECTION 18	
TOWNSHIP 35 N	RANGE 33 W	ACRES	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) NONE			
MINERAL COMMODITY LIMESTONE		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) N/A	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) RONALD WOLF		
ADDRESS RT# 1 BOX 72		
CITY FORT SCOTT	STATE KANSAS	ZIP CODE 66711
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____ <input checked="" type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		DATE OF AGREEMENT 12/24/91

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) SAME AS ABOVE		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____ <input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		DATE OF AGREEMENT
NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.		



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

RECEIVED
P.O. BOX 176
JEFFERSON CITY, MO 65102
OCT 27 1992

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE: OCTOBER 1992 to DECEMBER 1996

MISSOURI LAND

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

THIS PLAN COVERES AN AREA OF APROXIMATELY ¹²(8) ~~EIGHT~~ ACRES. (SEE MAP)
MINE AREA LIES IN POOR PASTURE AREA. TOP SOIL CONSISTS OF APROX.
10 INCHES. THIS AREA IS BORDERED TO THE WEST BY THE KANSAS AND
MISSOURRI LINE.

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

10 INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

AFTER ANY BRUSH OR SHRUBS ARE REMOVED BY DOZERS, THE TOP TEN INCHES OF SOIL WILL BE REMOVED AND STOCK PILED BY DOZER FOR TOP SOIL, REPLACEMENT. THEN THE NEXT THIRTY-SIX INCHES OF SUBSOIL WILL BE ROMOVED TO OBTAIN A TOTAL OF FORTY-SIX INCHES OF SOIL FOR RE-PLACEMENT. TOP SOIL WILL BE KEPT ON EACH SIDE OF THE PIT EXCAVATION.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

THE DOZER WILL PUT THE SOIL IN STOCK PILES ON THE PERMIT AREA, AND TOP SOIL WILL BE SEEDED FOR PROTECTION.

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

ANY SPOILS REMOVED WILL BE USED AS FILL ON ANY SLOPED BANKS ON A 5-1 OR LESS BEFORE ANY TOP SOIL IS REPLACED.

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

NONE

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

THE PIT WILL CONTINUE INTO THE NORTHWEST CORNER, WESTWARD, FROM THE PRE-EXISTING MINED OUT AREA FROM A PREVIOUS QUARRY.

YES NO

☐ ☒ Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐ ☒ Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐ ☒ Will any excavation start at or within fifty feet (50') of any property line?
(NOTE: If the answer is "yes", a safety barrier may be needed.)

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.**A. REVEGETATION** (Attach additional sheets, if needed)

REVEGETATION MIX #1

PURPOSE OR LAND USE

B. SEEDING OR PLANTING TIME

#1

INDUSTRIAL SITE

FALL (SEPT-OCT)

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

DURING THE FIRST SIGN OF NICE WEATHER AFTER THE TOP SOIL REPLACEMENT
SEED MIX WILL BE BROADCASTED AND HARROWED.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
WHEAT	70 / 1		
FESCUE	22 / 1		

REVEGETATION MIX #2

PURPOSE OR LAND USE

B. SEEDING OR PLANTING TIME

NONE

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

ALL BANKS WILL BE SLOPED TO A 5-1 SLOPE OR LESS TO BE TRIVERSABLE BY FARM EQUIPMENT. LEAVING A SMOOTH ROCK BOTTOM FLOOR FOR INDUSTRIAL SITE AREA.

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES**GRADING**

GRADING WILL BE DONE AS PIT ADVANCES AND SPOIL IS PLACED IN MINED OUT AREA.

REPLACEMENT OF TOPSOIL

ALL TOP SOIL WILL BE REPLACED IN A UNIFORM DEPTH AND DISCED TO REDUCE COMPACTION.

REVEGETATION

ALL TOP SOIL WILL BE SEEDED FIRST FALL AFTER REPLACEMENT.

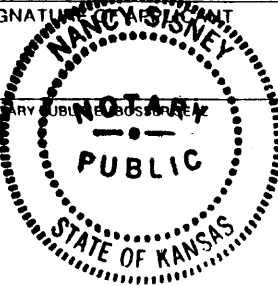
AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

10 + 36 inches of subsoil see page 1

D. USE OF LAND WHEN RECLAIMED	ESTIMATED ACRES:
Estimate acreage of each land use below, after reclamation	
Wildlife (forest or other habitat with livestock excluded)	
Agricultural (pasture, cropland, and horticultural)	
Development (residential, <u>industrial</u> , and recreational)	8 1/2 per consultation
Water impoundments (for wildlife, agricultural, or development)	

By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

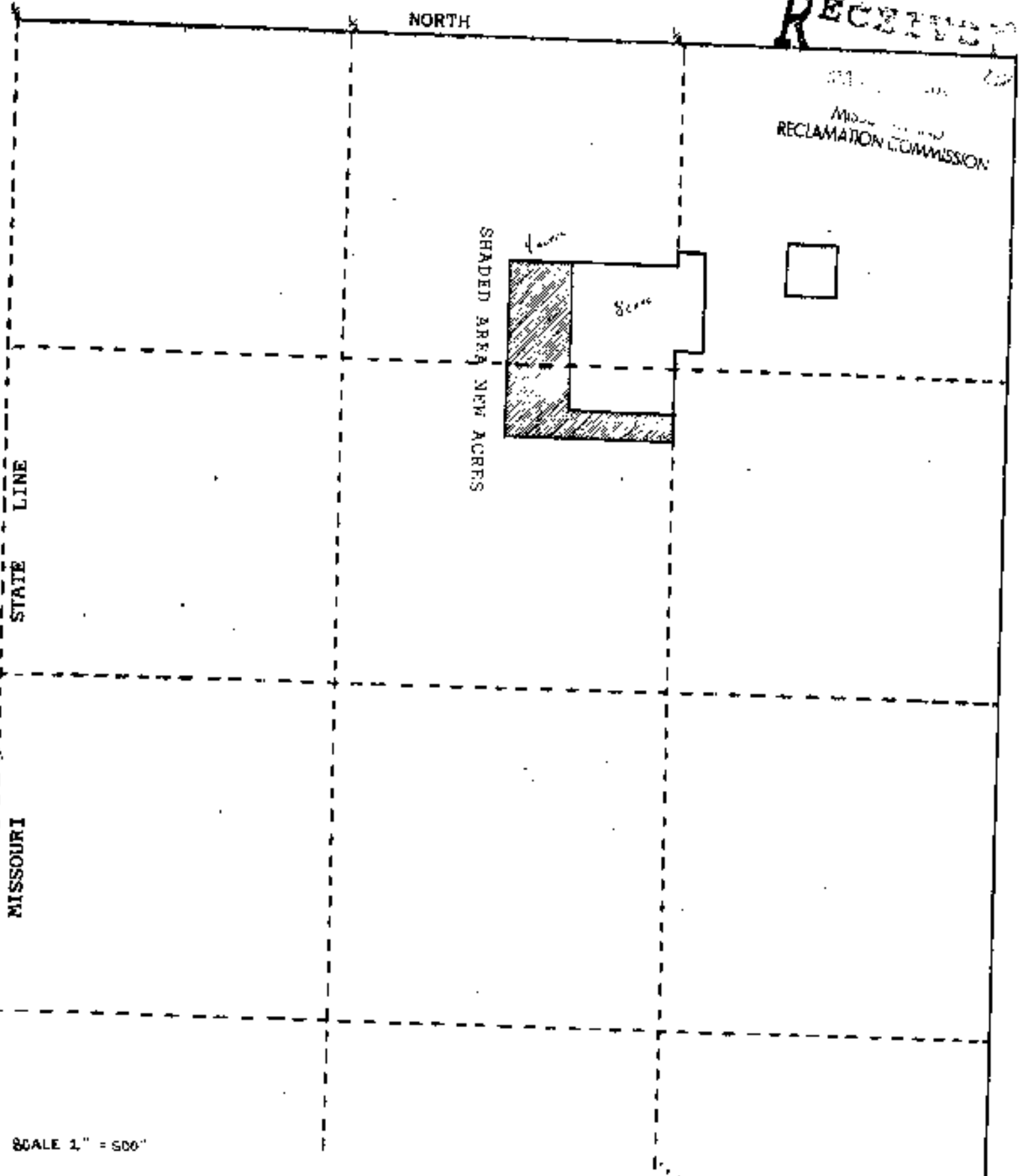
SIGNATURE OF APPLICANT <i>Nancy Sisney</i>		TITLE owner/operator	DATE 10-26-92
	STATE		COUNTY (OR CITY OF ST. LOUIS)
	SUBSCRIBED AND SWORN BEFORE ME, THIS 26 th DAY OF October 19 92		USE RUBBER STAMP IN CLEAR AREA BELOW
	NOTARY PUBLIC SIGNATURE <i>Nancy Sisney</i>	MY COMMISSION EXPIRES 07-29-94	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) NANCY SISNEY		
APPROVED BY (DIRECTOR'S REPRESENTATIVE) <i>[Signature]</i>		DATE APPROVED 3/22/93	PERMIT NUMBER 555

COMPANY MORRIS ROCK
LAND OWNER RONALD WOLF
MINE/PIT PIT
COUNTY VERNON

DATE MARCH 1, 1960
PREPARER MARK MORRIS
COMMODITY MINED LIMESTONE
SECTION 18, TOWNSHIP 35, RANGE 33

RECEIVED

MISSOURI
RECLAMATION COMMISSION



SCALE 1" = 500'

COMPANY MORRIS ROCK

OCTOBER 27, 1992

LAND OWNERS VERNON CO. CRUSHED STONE PREPARED MARK MORRIS
RONALD WOLF

RECEIVED

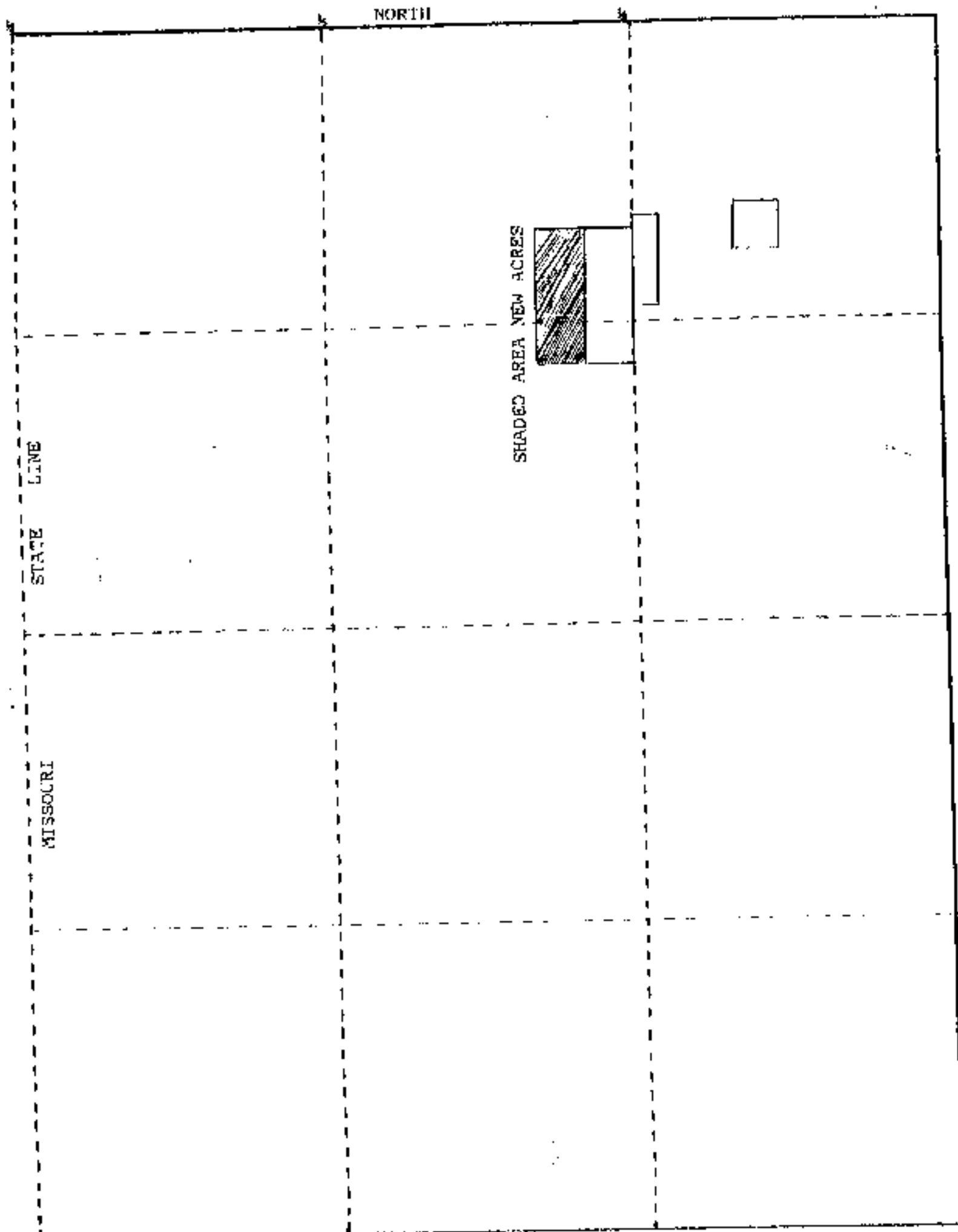
MINE / PIT PIT

OCT 27 1992

COMMODITY MINED LIMESTONE

COUNTY VERNON

MISSOURI LAND SECTION 18 TOWNSHIP 35 RANGE 33
RECLAMATION COMMISSION



SCALE 1" = 500'

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CO ! L O ; K B Q N

